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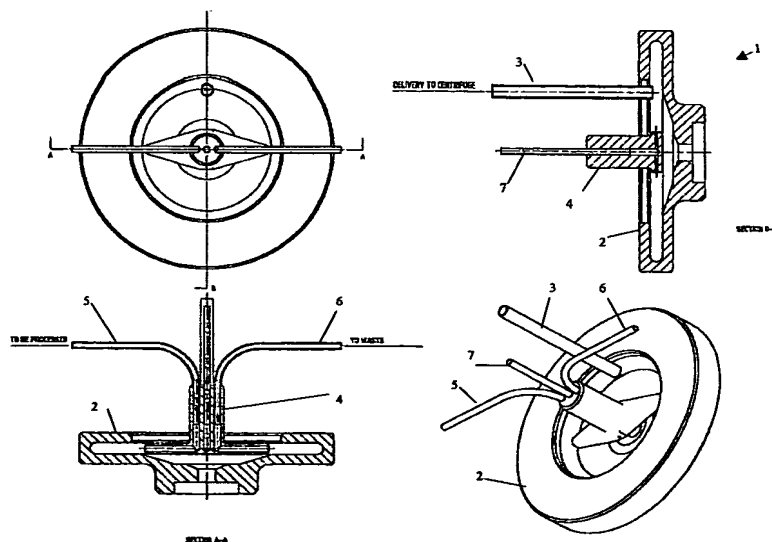
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(54) Title: APPARATUS AND METHOD FOR CENTRIFUGAL SEPARATION



(57) Abstract: In a method and apparatus for separating a multiphase mixture, separable into discrete density phases, a circular bowl (2) is rotatable about a central axis and has an opening through which the mixture is introduced into the bowl (2). The rotation of the bowl (2) separates the mixture to form annular rings of the discrete density phases and a collection assembly (14) removes the separated discrete density phases. The collection assembly (14) is movable with respect to the bowl (2) such that the collection assembly (14) can be positioned in the bowl (2) to sequentially selectively and individually remove the annular columns from the bowl (2) while the bowl (2) is rotating substantially without disturbing the remaining annular columns within the bowl (2).